Index of Claims

Rejected

Allowed

| _ | Application No. | Applicant(s) |
|---|-----------------|--------------|
|   | 09/849,966      | HYODO ET AL. |
|   | Examiner        | Art Unit     |
|   | Stevan A. Resan | 1773         |

|   | _ | (Through numeral)<br>Cancelled |
|---|---|--------------------------------|
| • |   | Destricted                     |

| N | Non-Elected  | À |  |
|---|--------------|---|--|
| - | Interference | 0 |  |

| À | Appeal   |
|---|----------|
| 0 | Objected |

| <u>~</u>        | -1-             |          |          |          |          |              |            |           |          | <b>.</b> |    |            |          |           |          |         |                 |          |                 |          |               | _            |            |          |  |           |              |          |          |          |          |          |
|-----------------|-----------------|----------|----------|----------|----------|--------------|------------|-----------|----------|----------|----|------------|----------|-----------|----------|---------|-----------------|----------|-----------------|----------|---------------|--------------|------------|----------|--|-----------|--------------|----------|----------|----------|----------|----------|
| _ <u>U</u>      | eim<br>I        | Date     |          |          |          |              |            |           |          |          |    | Cla        | aim<br>T | Date      |          |         |                 |          |                 |          | C             | aim          | ╀          | Date     |  |           |              |          |          |          |          |          |
| Fra             | Original        | 29       | ,        |          |          |              |            |           |          |          |    | Final      | Original |           |          |         |                 |          |                 |          |               | Final        | Original   |          |  |           |              |          |          |          |          |          |
|                 | m               | V        | _        | Γ        | †        | $\vdash$     | +          | <u> </u>  |          | Н        |    |            | 51       | ╁─        | H        | +       | +               | $\vdash$ | Н               | +        | -             | -            | 101        | ╁        | +  | ╁╌        | ╁            |          | H        | ⊢        | ⊢        | $\vdash$ |
|                 | Z               | V        |          |          | Ι        | T            | Τ          |           | П        |          |    |            | 52       |           | Н        | $\top$  | 1               | T        | П               | $\top$   | 1             |              | 102        |          | Τ  | 1         | 1            | Н        | t        | <u> </u> | 1        |          |
|                 | 2               | Z        | L_       |          |          |              |            |           |          |          |    |            | 53       |           |          | $\top$  | Т               |          | П               |          |               | П            | 103        |          | Т  | Г         |              |          | Г        |          | Г        | П        |
| <u> </u>        | 4               | 1        | L        | L        |          |              |            |           |          |          |    |            | 54       | П         |          | $\perp$ | $oxed{\Box}$    | $\Box$   |                 |          | ]             |              | 104        |          |  |           |              |          |          |          | Г        |          |
|                 | 15              | K        | L        | L        | ╙        | L            | 1_         | L         | Ц        |          |    |            | _55_     |           | Ц        | $\perp$ |                 | L        | Ш               | ┸        |               |              | 105        |          | L  |           |              |          | Г        |          |          |          |
| <u> </u>        | 8               | K        | <u> </u> | L        | ┡        | ╙            | ┺          | oxdot     | Ш        |          |    |            | 58       | Ш         | Ц        | 丄       | 1               | L        | Ш               |          |               |              | 106        | L        |  |           |              |          |          |          |          |          |
|                 | 7               | 1        | <b>/</b> | ŀ        |          | ↓            | ╀          | $\vdash$  | Н        | Щ        |    |            | 57       | Н         | $\dashv$ | +       | ╄               | 1        | Ш               | -        |               | <u> </u>     | 107        | ↓_       | ╙  | ┖         | L            | <u>L</u> | <u> </u> |          |          |          |
| -               | <b>®</b>        | 1        | _        | ⊢        | 1        | ╀            | ╀          |           | Н        | Н        |    |            | 58       | Н         | $\vdash$ | +       | +               | ⊢        | $\vdash$        | -        | 4             | <u> </u>     | 108        |          | ╄  | ⊢         | ╙            | <u> </u> | 上        | Щ        | L        |          |
|                 | 10              | -        | -        | $\vdash$ | -        | ⊢            | ╁          | -         | Н        |          |    |            | 59<br>60 | Н         | $\dashv$ | ╫       | +-              | -        | $\vdash$        | -        | -             | ├            | 109        | +-       | ⊢  | ⊢         | <del> </del> | <u> </u> | <b> </b> | Н        | ┡        | $\Box$   |
| <b>—</b>        | (m)             | V        | -        | ┝        | Н        | ╁╌           | -          | $\vdash$  | Н        | $\dashv$ |    |            | 61       | Н         | $\dashv$ | ╌       | +               | -        | Н               | - -      | -             | <u> </u>     | 110<br>111 | ╀        | ⊢  | ⊢         | ┞            | ⊢        | ┞        | Н        | -        | Н        |
|                 | 12"             |          |          | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$   | Н         | H        | $\vdash$ |    |            | 62       | $\vdash$  | +        | +       | +-              | $\vdash$ | H               | - -      | 1             | <del> </del> | 112        | +-       | +  | ⊢         | $\vdash$     | $\vdash$ | $\vdash$ | Н        | -        | Н        |
| 4               | 18              |          |          | Г        | Τ        | Τ            | 1          | П         | П        | $\dashv$ |    | _          | 63       | Н         | $\dashv$ | $\top$  | †-              | 1-       | $\vdash \vdash$ | $\dashv$ | 1             |              | 113        | T        | $\vdash$   | H         | $\vdash$     |          |          | $\vdash$ | Н        | Н        |
| 1               | (14)            | 1        | _        |          | Γ        |              | T          |           | 口        |          |    |            | 64       | М         | $\dashv$ | 十       | 1               |          | $\sqcap$        | _        | 1             |              | 114        | П        |  | Н         | Н            | Н        |          | $\vdash$ | Н        | Н        |
|                 | 15              | 2        |          |          |          |              |            |           |          |          |    |            | 65       |           |          | I       | $\Gamma$        |          |                 | _        | ]             |              | 115        |          |  | ┢         | <u> </u>     |          |          |          |          | $\dashv$ |
|                 | 16              | 2        |          |          |          |              |            |           |          |          |    |            | 66       |           |          | $\top$  |                 |          |                 |          |               |              | 116        | Т        |  |           |              |          |          |          |          |          |
|                 | 17              | 2        | _        |          | L        |              | Ŀ          | Ш         | Ц        |          |    |            | 67       |           |          |         |                 |          |                 |          | ]             |              | 117        |          |  |           |              |          |          |          |          |          |
|                 | (18)            | V        |          |          | <u> </u> | _            | L          | Ц         | Ш        | _        |    |            | 68       | Ш         | $\perp$  | $\perp$ | L               |          |                 |          |               |              | 118        |          |  |           |              |          |          |          |          |          |
|                 | 280             |          | 4        | _        | L        | <u> </u>     | L          | Ш         | Ц        | _        |    |            | 69       | Ш         | $\perp$  | ┸       | L               |          |                 | 上        | Į             |              | 119        | 乚        | Ш  |           |              |          |          |          |          | _        |
| _]              | 20              | 2        |          | _        | _        | <del> </del> | <b> </b> _ | -         | Ш        | _        |    |            | 70       | $\sqcup$  | 4        | ┸       | L               | Ш        |                 | _        |               |              | 120        | <b>L</b> | Ш  |           |              | Щ        | Ш        | $\Box$   |          | _        |
| -               | 21              | Н        | -        |          | -        | -            | $\vdash$   | Н         | Н        | 4        |    |            | 71       | Н         |          | +       | ╀               | Н        | -               | _        |               |              | 121        | L        | Ц  |           | Щ            | Щ        | Щ        | _        | _        | _        |
|                 | 22<br>23        | Н        | _        |          |          | -            | $\vdash$   | Н         | Н        | $\dashv$ |    | $\dashv$   | 72<br>73 | $\dashv$  | -+       | +       | ╂               | Н        | -               | 4        |               |              | 122        | ┡        |  |           | Ш            |          | Ш        | _        | _        | _        |
| -               | 24              | -        | $\dashv$ | -        | $\vdash$ | $\vdash$     |            | Н         | Н        | $\dashv$ |    |            | 74       | $\vdash$  | -        | ┿       | ╁╌              | Н        | $\dashv$        | +        |               | -            | 123<br>124 | $\vdash$ | Н  | -         | Н            | Н        | Н        | $\dashv$ | _        | -1       |
|                 | 25              | Н        | $\dashv$ |          |          | -            | H          |           | $\vdash$ | 一        |    | -          | 75       | $\dashv$  | -        | +       | ╁               | Н        | +               | +        |               | -            | 125        | $\vdash$ | Н  | Н         | Н            | $\vdash$ |          | -        | $\dashv$ | $\dashv$ |
| _               | 26              | Н        | ┪        |          |          | 1            | H          | Н         | $\Box$   | ┪        |    | _          | 76       | $\forall$ | $\dashv$ | +       | 十               | Н        | +               | +        |               |              | 126        | ┢        | Н  | $\vdash$  | Н            |          | ÷        | -1       | -        | -1       |
|                 | 27              |          |          |          |          |              |            |           |          | ┪        | ŀ  | _          | 77       |           | 十        | 1       | t               | Н        | 1               | 十        |               |              | 127        | 1-       | Н  |           | $\vdash$     |          | $\vdash$ | ┪        | $\dashv$ | ┪        |
|                 | 28              |          |          |          |          |              |            |           |          |          | -  |            | 78       | $\neg$    | 7        |         | 1               | П        | $\dashv$        | $\top$   |               |              | 128        | ┌        | Н  |           |              |          |          | 寸        |          | $\dashv$ |
|                 | 29              |          |          |          |          |              |            |           |          |          |    |            | 79       |           |          | 7       | Ī               | П        |                 | $\top$   |               |              | 129        | П        |  |           |              |          |          | ╛        | ╗        | ヿ        |
|                 | 30              |          |          |          |          |              |            |           |          |          |    |            | 80       |           |          |         |                 |          |                 |          |               |              | 130        |          |  |           |              |          |          | $\Box$   |          |          |
| _               | 31              |          | _        |          | Ш        | _            | Ц          | $\sqcup$  | $\sqcup$ | _        |    |            | 81       |           | $\perp$  |         |                 |          |                 |          |               |              | 131        | $\Box$   |  |           |              |          |          | $\Box$   |          | $\Box$   |
| _               | 32              | $\dashv$ | _        | _        |          | _            | Ш          | $\sqcup$  | Ц        | _        | 1  |            | 82       | $\dashv$  | 4        |         | Ш               | Ш        | _               |          |               |              | 132        | _        | Ц  |           | _            |          |          | _        | _        | _        |
|                 | 33<br>34        |          |          |          |          | H            | Н          | $\dashv$  | $\dashv$ | -        |    |            | 83       | 4         | +        | 4-      | -               | Ш        | -               |          |               |              | 133        | <u> </u> | Н  | $\Box$    | _            | 4        | _        | 4        | _        | _        |
|                 | 35              | $\dashv$ | -1       |          | $\dashv$ |              | Н          | $\dashv$  | $\dashv$ | -1       | ∷ŀ | -          | 84       | -         | +        | ╀       | Н               | Н        | -               | -        |               |              | 134        | H        | ┝┥   | -         | $\dashv$     |          | $\dashv$ | $\dashv$ | -1       | -1       |
|                 | 36              | -        | ┪        |          | $\dashv$ | -            | Н          | $\dashv$  | $\dashv$ | -        | -  |            | 85<br>86 | +         | +        |         |                 | Н        | +               | +-       |               |              | 135<br>136 | -        | $\vdash$   |           | $\dashv$     | ┥        | $\dashv$ | -        | -        |          |
| -1              | 37              | $\dashv$ | ᅱ        | _        | $\vdash$ |              | Н          | $\dashv$  | $\dashv$ | -1       | -  | 一          | 87       | $\dashv$  | +        | +       | Н               | $\vdash$ | +               | +        |               | -1           | 137        | $\vdash$ | $\vdash$   | $\dashv$  | -1           | ┥        | $\dashv$ | $\dashv$ | ┪        | $\dashv$ |
|                 | 38              | ╛        | ┪        |          |          |              | H          | $\dashv$  | _        | -        | -  | -          | 88       | $\dashv$  | +        | +       | $\vdash$        |          | +               | +        |               |              | 138        | -        | $\vdash$   | ┪         | $\dashv$     | ┪        | -1       | $\dashv$ | -        | $\dashv$ |
| $\neg \uparrow$ | 39              | ヿ        | 寸        |          |          |              | Н          | $\dashv$  | 寸        | 7        |    |            | 89       | $\dashv$  | 十        | +       | Н               |          | 7               | +        |               | $\dashv$     | 139        |          | ┪  | ᅥ         | $\dashv$     | ┪        | 一        | 寸        | 7        | $\dashv$ |
|                 | 40              |          |          |          |          |              | П          |           |          | 7        | ı  |            | 90       | $\neg$    | $\top$   | Т       | П               |          | $\dashv$        | 丁        |               | 一            | 140        | П        | $\Box$   | $\dashv$  | $\dashv$     | ┪        | _        | _        | 7        | $\dashv$ |
|                 | 41              |          |          |          |          |              |            | $\Box$    | $\Box$   |          | ऻ  |            | 91       | 丁         | I        | I       |                 |          | 丁               | $\perp$  |               |              | 141        |          |  | $\exists$ | コ            | ╛        |          |          | ]        | 7        |
| $\bot$          | 42              |          | _[       |          | $\Box$   |              |            | $\supset$ | J        | ╛        |    |            | 92       |           | $\perp$  | 工       | П               |          | $\supset$       |          |               | $\Box$       | 142        |          |  | $\Box$    |              | $\Box$   |          | $\Box$   | $\Box$   | $\Box$   |
|                 | 43              | 4        | 4        | ·        | Ц        |              | Ш          |           | $\perp$  | _        | ı. | $_{\perp}$ | 93       | _[        | Ĺ        | $\perp$ | LI              |          |                 |          |               |              | 143        | ĿÌ       | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |           | _            |          | ·        |          | .]       | _]       |
|                 | 44              | _        | 4        | _        | 4        | _            | $\sqcup$   | _         | 4        | 4        | L  |            | 94       | _         | $\perp$  | _       | Ш               | $\Box$   | 4               | 4        |               |              | 144        | Ш        |  | _[        | _[           | _[       | _[       | _        | _[       | ┙        |
|                 | 45              | _        | -        | _        | _        | 4            | $\sqcup$   |           | 4        | 4        | L  | _          | 95       | _         | $\bot$   | 4_      | Ш               | _        | _               | 4-       |               |              | 145        | Щ        |  | _         | _            | _        | _        | _        | 4        | 4        |
|                 | 46              | -        | 4        | _        | 4        | 4            | $\sqcup$   | _         | +        | 4        | -  |            | 96       | $\dashv$  | - -      | +       | Н               |          | $\bot$          | -        |               |              | 146        | Ш        | $\dashv$   | _         | _            | 4        | _        | _        | 4        | _        |
|                 | 47<br>48        | $\dashv$ | 4        | $\dashv$ | -        | 4            | $\vdash$   | -+        | +        | 4        | -  |            | 97       | +         | +        | +       | $\vdash \vdash$ | -+       | +               | -        |               |              | 147        |          | 4  | $\dashv$  | -            | +        | -+       | +        | 4        | $\dashv$ |
|                 | 49              | +        | $\dashv$ | $\dashv$ | -        | $\dashv$     | $\dashv$   | $\dashv$  | +        | -        | ╌├ |            | 98<br>99 | $\dashv$  | +        | ╫       | $\vdash$        | -+       | +               | +-       | <b></b>       |              | 148        | $\dashv$ | -+   | -+        | -            | -+       | -+       | +        | +        | $\dashv$ |
|                 | 50              | $\dashv$ | +        | $\dashv$ | -        | $\dashv$     | $\dashv$   | $\dashv$  | +        | -[       | ÷  |            | 100      | +         | +        | +       | $\vdash$        | $\dashv$ | +               | +        |               | $\dashv$     | 150        | -        | $\dashv$   | +         | -+           | +        | {        | +        | +        | $\dashv$ |
|                 | <del>20</del> ] |          |          |          | _1       |              |            | _         |          |          | L  |            | .00      |           |          |         | ш               |          |                 | ىب       | :::: <b>¿</b> | لسا          | 130        |          |  |           | i            |          |          |          |          |          |